

Report of Analysis

Submission: 2004-003970-NYHB
 Customer: Petro-Canada
 Terminal: OSWEGO SPRAGUE NY
 Vessel: MT DIAMOND STAR
 Reference:
 Purchase Order:
 Date Received: 18-Sep-04
 Date Analyzed: 18-Sep-04
 Date Reported: 20-Sep-04

Lab Reference : 2004-003970-NYHB-013			
Sample Designated As : Shore Tank 5 After Discharge Lower NO. 6 FUEL OIL			
Method	Test	Results	Units
D4294	Sulfur	1.28	Wt %

Lab Reference : 2004-003970-NYHB-015			
Sample Designated As : Shore Tank 5 After Discharge Equal UML Composite NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	13.4	deg API
D4294	Sulfur	1.29	Wt %
D93 method A	Corrected Flash Point	213	deg F
D445/D2161	Kinematic Viscosity @ 122°F	262.5	cSt
D445/D2161	Saybolt Furol Viscosity @ 122 °F	124.1	SFS
D97	Pour Point	3	deg C
D97	Pour Point	37	deg F
D1796	Sediment and Water	0.1	Vol %
D95	Water	0.1	Vol %
D473	Sediment by Extraction	0.02	Wt %
D482 @ 775 deg C	Ash @ 775 deg C	0.035	Wt %
ICP	Sodium	20	ppm
ICP	Vanadium	45	ppm
D5762	Nitrogen	0.29	Wt %
D240	Gross Heat of Combustion	150940	BTU / gal
D4530	Micro Carbon Residue	10.1	Wt %
D3279	Asphaltene / n-Heptane Insolubles	1.33	Wt %

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